FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

Instruct	ion 1(b).			File							rities Exchan		f 1934		<u> L</u>	nours per	георопо		0.0
	d Address of	Reporting Person*			2. 19	ssuer N	lame a	and Ti	icker or	Tradin	g Symbol GY INC			5. Relationsh Check all ap	plicable)) to Iss	
(Last) (First) (Middle) C/O LEGAL DEPARTMENT 1881 GROVE AVENUE					3. Date of Earliest Transaction (Month/Day/Year) 12/30/2011								Officer (give title Other (specify below) below)					specify	
(Street) RADFOE	RD VA	Λ :	24141 Zip)		4. If	f Amen	dment	, Date	of Orio	ginal Fi	led (Month/Da	ay/Year)			n filed b	Group Fil y One Re y More th	eporting	Persoi	n
		Tab	e I - I	Non-Deriv	ative	Sec	uritie	s A	cquir	ed, D	isposed o	f, or E	Benefici	ally Own	ed				
1. Title of S	Security (Inst	r. 3)		2. Transaction Date (Month/Day/		if any	emed tion Da n/Day/Y		3. Transa Code (8)		4. Securities A Disposed Of (5)			5. Amount Securities Beneficiall Owned Fol	y	6. Owner Form: D (D) or In (I) (Instr	irect direct	7. Natu Indired Benefi Owner	ct icial rship
								Ì	Code	v	Amount	(A) or (D)	Price	Reported Transactio (Instr. 3 an				(Instr.	4)
Common	Stock			12/30/20)11				A		17,577(1)	A	\$0	42,5	77	D			
Common	Stock													1,346,	462	I		-	apital LLC ⁽²⁾
Common	Stock													7,973,	161	I			ntrexon oration ⁽³⁾
		Ta	ble I								posed of, convertib								
Security or Exercise (Month/Day/Year) if any			ution Date,	n Date, Transa Code		saction e (Instr. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration (Month/Day			7. Title Amour Securit Underl Derivat Securit and 4)	nt of ties ying	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exer	: cisable	Expiration Date	Title	Amount or Number of Shares						
1 Name an	d Address of	Reporting Person*									,			,	,				

<u> </u>	'							
1. Name and Address of Reporting Person* <u>KIRK RANDAL J</u>								
(Last)	(First)	(Middle)						
C/O LEGAL DEPA	RTMENT							
1881 GROVE AVENUE								
(Street)								
RADFORD	VA	24141						
(City)	(State)	(Zip)						
1. Name and Address o								
(Last)	(First)	(Middle)						
C/O LEGAL DEPARTMENT								
20358 SENECA MEADOWS PARKWAY								
(Street)								
GERMANTOWN	MD	20876						
(City)	(State)	(Zip)						

- 1. Restrictions related to the grant of restricted stock will lapse with respect to one third of the shares on each of the first, second and third anniversaries of the grant date.
- 2. Randal J. Kirk controls Kapital Joe, LLC ("Kapital Joe"). Shares held by Kapital Joe may be deemed to be indirectly beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.
- 3. Randal J. Kirk, directly and through certain affiliates, has voting and dispositive power over a majority of the outstanding capital stock of Intrexon Corporation. Mr. Kirk may therefore be deemed to have voting and dispositive power over the shares of the issuer owned by Intrexon Corporation. Shares held by Intrexon Corporation may be deemed to be indirectly beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.

Remarks:

 /s/ Randal J. Kirk, CEO of Intrexon Corporation
 01/03/2012

 /s/ Randal J. Kirk
 01/03/2012

 ** Signature of Reporting Person
 Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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